4.133 Signal Bus Width Property (Type 406, Form 37)‡

‡The Signal Bus Width Property Entity has not been tested. See Section 1.9.

The Bus Signal Width property shall be used to specify how many bits are connected "in parallel" within a single Network Flow associativity. The property shall be assigned to each entity that is part of the join geometry of such a Network Flow associativity when it is used to define a multi-bit net. This construct enables a multi-bit link in an electrical schematic to be paired with a multi-bit bundle of joins in the physical realm. ECO701

If a join entity within a Network Flow associativity does not have a Bus Signal Width property assigned, the associativity shall have a signal width equal to one bit.

Directory Entry

Number and Name	Value
(1) Entity Type Number	406
(3) Structure	$< n.a. >$
(4) Line Font Pattern	$< n.a. >$
(5) Level	$\#, \Rightarrow$
(6) View	$< n.a. >$
(7) Transformation Matrix	$< n.a. >$
(8) Label Display Assoc.	$< n.a. >$
(9a) Blank Status	**
(9b) Subord. Ent. Switch	??
(9c) Entity Use Flag	**
(9d) Hierarchy	**
(12) Line Weight Number	$< n.a. >$
(13) Color Number	$< n.a. >$
(15) Form Number	37

Parameter Data

Index	Name	Type	Description
1	NP	Integer	Number of property values (NP=1)
2	DF	Integer	Specifies the number of bit signals that have connectivity through the join geometry. (Default = 1 bit wide)

Additional pointers as required (see Section 2.2.4.5.2).